

02172640 DEAN SWAMP CREEK NEAR SALLEY, SC

LOCATION.--Lat 33°35'21", long 81°21'57", Aiken County, Hydrologic Unit 03050204, on downstream side of bridge, on unnamed dirt road off County Road 27 (1.2 miles south of intersection of County Roads 14 and 270), 1.4 mi downstream from Johnsons Pond, 4.0 mi southwest of Wagener, and 4.0 mi northwest of Salley.

DRAINAGE AREA.--31.2 mi².

PERIOD OF RECORD.--October 1980 to March 1987, February 1988 to current year.

GAGE.--Data collection platform. Elevation of gage is 270 ft above sea level (from topographic map). Prior to February 1988, gage at same site, at different datum.

REMARKS.--Records fair except for estimated daily discharges, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	24	24	25	23	41	25	28	32	18	22	20	19
2	22	25	25	22	37	25	27	28	18	21	20	19
3	22	27	25	32	31	25	24	23	19	20	19	18
4	23	27	24	28	30	24	24	20	18	20	18	17
5	23	27	25	27	28	24	24	20	18	20	18	17
6	23	26	30	26	26	24	23	21	18	20	17	19
7	24	26	31	25	25	24	23	21	18	21	16	20
8	25	25	26	25	25	24	23	21	18	21	17	20
9	24	25	25	26	25	25	23	20	18	20	18	22
10	24	24	25	28	25	25	21	20	18	e20	18	23
11	23	25	25	25	25	24	21	20	18	e21	17	21
12	23	25	30	24	25	24	21	20	18	e22	17	20
13	24	24	30	24	25	24	21	20	18	23	16	20
14	24	24	26	24	25	31	22	19	18	22	16	22
15	24	25	27	34	25	28	23	19	19	22	17	25
16	24	25	30	28	25	25	23	20	22	21	44	26
17	25	26	27	27	24	24	22	19	31	21	33	24
18	25	25	25	30	25	23	16	19	23	21	26	24
19	24	25	30	27	25	23	18	21	22	21	22	24
20	24	25	30	26	25	23	21	20	21	21	21	29
21	24	24	25	25	24	24	16	20	21	20	20	32
22	23	24	25	24	24	24	19	e20	20	18	20	22
23	23	24	25	35	24	23	20	e19	20	19	20	20
24	23	24	27	50	24	23	17	e19	20	18	23	19
25	23	24	34	34	24	25	20	e20	23	18	25	19
26	23	24	31	30	24	27	21	19	25	18	23	19
27	23	25	28	28	24	25	18	20	25	17	21	25
28	23	25	27	24	26	24	25	20	25	17	20	30
29	23	25	25	23	---	23	25	19	24	17	19	26
30	23	25	28	24	---	23	34	19	24	19	19	23
31	23	---	26	25	---	23	---	19	---	19	20	---
TOTAL	728	749	846	853	736	758	663	637	618	620	640	664
MEAN	23.5	25.0	27.3	27.5	26.3	24.5	22.1	20.5	20.6	20.0	20.6	22.1
MAX	25	27	34	50	41	31	34	32	31	23	44	32
MIN	22	24	24	22	24	23	16	19	18	17	16	17
CFSM	.75	.80	.87	.88	.84	.78	.71	.66	.66	.64	.66	.71
IN.	.87	.89	1.01	1.02	.88	.90	.79	.76	.74	.74	.76	.79

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1981 - 1999, BY WATER YEAR (WY)

MEAN	24.1	25.2	26.2	28.0	27.8	27.2	25.3	23.5	23.2	22.8	23.8	22.8
MAX	30.4	31.6	33.7	40.1	41.9	38.1	36.1	35.3	32.6	28.7	34.2	29.8
(WY)	1991	1996	1998	1993	1995	1998	1998	1998	1995	1995	1995	1995
MIN	16.5	18.8	18.8	18.5	18.2	15.3	17.6	17.6	14.6	13.6	15.8	17.0
(WY)	1989	1990	1989	1990	1989	1989	1990	1990	1990	1990	1990	1990

SUMMARY STATISTICS	02172640 DEAN SWAMP CREEK NEAR SALLEY, SC--Continued FOR 1998 CALENDAR YEAR	FOR 1999 WATER YEAR	WATER YEARS 1981 - 1999
ANNUAL TOTAL	11264	8512	
ANNUAL MEAN	30.9	23.3	
HIGHEST ANNUAL MEAN			25.2 1998
LOWEST ANNUAL MEAN			32.1 1990
HIGHEST DAILY MEAN	84	May 8	17.2 1990
LOWEST DAILY MEAN	21	Aug 27	114 Oct 23 1990
ANNUAL SEVEN-DAY MINIMUM	22	Aug 25	16 Apr 18 Jul 20 1990
INSTANTANEOUS PEAK FLOW			12 Mar 11 1989
INSTANTANEOUS PEAK STAGE			229 Oct 23 1990
ANNUAL RUNOFF (CFSM)	.99	.75	6.21 Oct 23 1990
ANNUAL RUNOFF (INCHES)	13.43	10.15	.81 10.96
10 PERCENT EXCEEDS	39	28	32
50 PERCENT EXCEEDS	29	24	24
90 PERCENT EXCEEDS	24	18	18

e Estimated

